

FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P20983Application No.
09/887,083INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Applicant
Hisaki MIYAMOTO et al.Filing Date
June 25, 2001Group
1733

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
jm	5 1 9 7 0 6 0	03/23/93	YATAKE			
jm	5 9 5 4 9 0 8	09/21/99	AMO et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
jm	3 - 5 9 3 0	01/11/91	JAPAN			
jm	7 - 1 1 0 9 6 5	04/25/95	JAPAN			
jm	6 - 1 8 0 8 6 3	06/28/94	JAPAN			
jm	2 - 2 1 4 0 4 1	08/27/90	JAPAN			
jm	9 - 2 6 5 6 7 2	10/07/97	JAPAN			
jm	9 - 2 5 9 4 7 4	10/03/97	JAPAN			
jm	9 - 2 4 5 3 8 6	09-19/97	JAPAN			
→	5 - 2 0 7 4 3	01/20/93	JAPAN			
→	8 - 3 6 7 0 0	02/06/90	JAPAN			
→	62 - 1 2 9 4 0	01/21/87	JAPAN			
→	62 - 1 2 4 6 2 9	06/05/87	JAPAN			
→	4 - 5 7 2 3 4	02/25/92	JAPAN			
→	4 - 1 3 0 6 3 0	05/13/92	JAPAN			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

jm	1	English Language Abstract of JP 3-5930.
jm	2	English Language Abstract of JP 7-110965.
jm	3	English Language Abstract of JP 6-180863.
jm	4	English Language Abstract of JP 2-214041.
jm	5	English Language Abstract of JP 9-265672.
jm	6	English Language Abstract of JP 9-259474.
jm	7	English Language Abstract of JP 9-245386.

EXAMINER

Maki

DATE CONSIDERED 8-2-05

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cited on IDS filed 9-24-01

cited on PTO 892 for paper # 080204
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P20983.P04

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Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P20983		Serial No. 09/887,						
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant H. MIYAMOTO et al.								
Filing Date June 25, 2001				Group 1733								
U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENTNUMBER			DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
ju	6	1	0	6	6	5	7	08/20/00	ROSSIGNAL et al.	—	—	
	6	0	8	0	2	4	9	06/27/00	HONMA et al.	—	—	
	5	9	5	1	8	0	6	09/14/99	AMO et al.	—	—	
	5	9	3	8	8	9	1	08/17/99	KASHIWAGI et al.	—	—	
	5	8	8	2	4	5	1	03/16/99	SASAKI et al.	—	—	
	5	8	4	3	2	5	7	12/01/98	INOCHI et al.	—	—	
	5	8	0	0	6	7	0	09/01/98	KITANO	—	—	
	5	7	7	9	8	5	5	07/14/98	AMO	—	—	
	5	7	5	9	3	3	2	06/02/98	ITOIGAWA et al.	—	—	
	5	7	4	4	1	9	3	04/28/98	KITANO	—	—	
	5	5	0	1	7	6	0	03/26/96	MUKAWA	—	—	
	4	8	7	7	4	7	5	10/31/89	UCHITA et al.	—	—	
	4	4	2	0	5	1	0	12/13/83	KUNKEL et al.	—	—	
ju	4	8	1	4	1	9	8	03/21/89	Baecklund	—	—	
FOREIGN PATENT DOCUMENTS												
	DOCUMENTNUMBER			DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO				
ju	5	-	2	0	7	1	3	01/29/93	JAPAN	✓		
	6	3	2	3	9	6	2	8	10/05/88	JAPAN		
	2	-	3	7	5	4	3	02/07/90	JAPAN			
	4	1	3	9	6	3	0	05/13/92	JAPAN	✓		
	6	1	2	9	2	2	4	2	12/23/86	JAPAN	✓	
	6	3	1	2	4	2	4	8	05/27/88	JAPAN	✓	
	8	0	3	6	7	8	6	02/06/96	JAPAN			
ju	7	2	8	2	4	7	4	10/27/95	JAPAN	✓		
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EXAMINER				DATE CONSIDERED								
MaKi				7-26-03								

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)								
Applicant M. MIYAMOTO				Filing Date June 25, 2001		Group 1733		
EXAMINER INITIAL DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE IF APPROPRIATE								
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
fu		0 4 0 8 7 6 3	01/23/91	EPO ✓	—	—		
		0 7 4 4 7 3 9	11/27/96	EPO	—	—		
		8 0 3 6 7 8 6	02/06/96	JAPAN ✓	—	—		
		6 2 1 2 9 4 0	01/21/87	JAPAN ✓	—	—		
		0 7 0 6 1 7 8	04/10/96	EPO ✓	—	—		
		3 1 6 6 2 7 9	07/18/91	JAPAN	—	—		
fu		6 2 1 5 4 1 9	08/05/94	JAPAN ✓	—	—		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
fu		1	An English Language abstract of JP 5-20713. ✓					
		2	An English Language abstract of JP 63-239628.					
		3	An English Language abstract of JP 2-37543.					
		4	An English Language abstract of JP 4-139630. ✓					
		5	An English Language abstract of JP 61-292242. ✓					
		6	An English Language abstract of JP 63-124428. —					
		7	Patent Abstracts of Japan Vol 96, No. 002, February 29, 1996.					
		8	Patent Abstracts of Japan Vol 11, No. 186, June 16, 1987.					
		9	Patent Abstracts of Japan Vol 96, No. 006, June 28, 1996.					
		10	XP-002164901, DATABASE WPI, Section Ch, Week 199135, Derwent Publications Ltd. London GB; Class A21, AN 1991-256235.					
fu		11	Patent Abstracts of Japan Vol. 18, No. 587, November 10, 1994.					
EXAMINER		MaKi		DATE CONSIDERED		7-26-03		
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